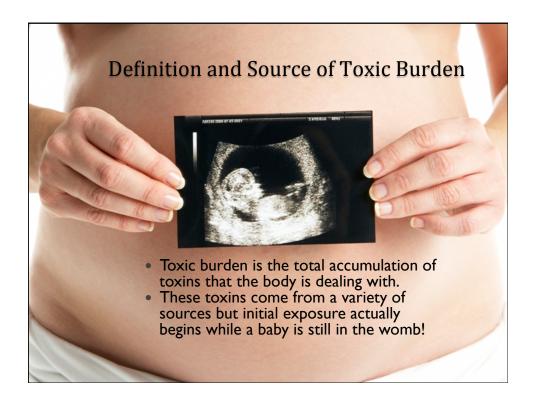
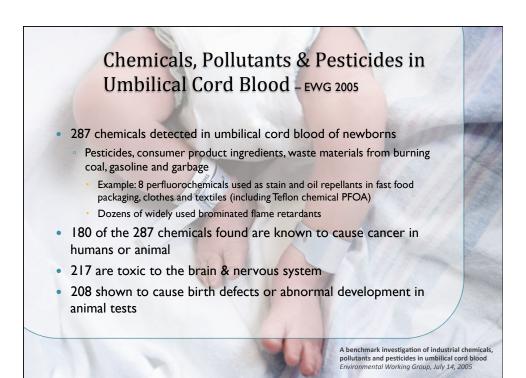




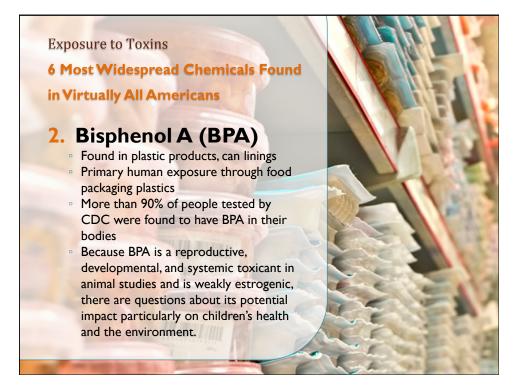
- According to the United States Environmental Protection Agency in 2002 through their "Toxic Release Inventory" tracking system, over 7.1 billion pounds of 650 different industrial chemicals were released in the air and water, 266 of which are linked to birth defects.
- Worldwide, the estimates approach 80 billion pounds of toxins released annually.
- Some of these toxins affect human health in microgram doses.











Exposure to Toxins

6 Most Widespread Chemicals Found

in Virtually All Americans

3. Perfluorooctanoic acid (PFOA)

- Used in non-stick cookware, stainresistant clothing, certain food packaging and other heat-resistant products
- Studies verify that PFOA contributes to infertility and other reproductive problems.
- Liver and immune system dysfunction also associated with the use of PFOAs



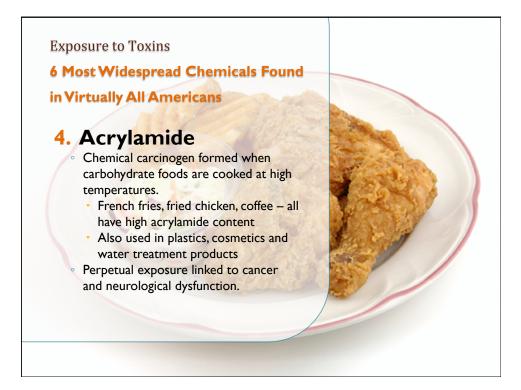
Toxicity – How Prevalent?

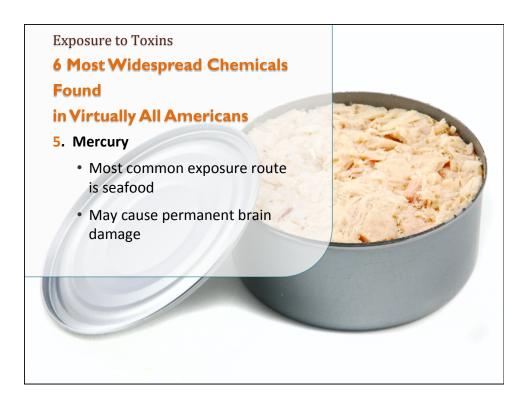
- One of the most used cooking surfaces, Teflon, is at the center of major research on its effects on health in the United States.
- It has been implicated as a causative factor in elevated cholesterol and an increase in coronary heart disease.
- The perfluorochemicals (PFC's) are in Stainmaster, Teflon and Gore-Tex, all from DuPont and 3Ms Scotchgard.
- The company did not reveal the known health problems caused by this chemical.
- Elevated LDL may be a marker for toxicity exposure.



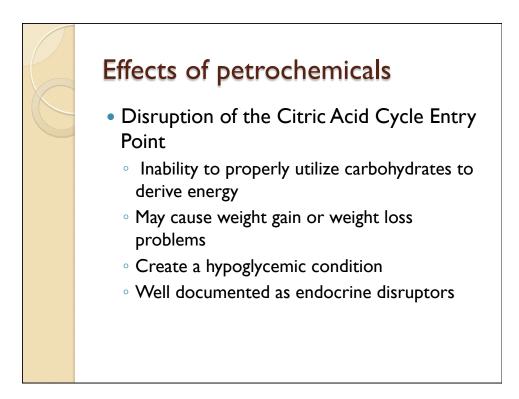
- PFC's have been found in 90% of the people tested in the United States. It has also been found in similar percentages of people in Korea, China, India and Japan. These were the only countries tested so far.
- 17 of 18 species of animals tested positive for PFC's!
- Perfluorinated chemicals are a diverse group of compounds resistant to heat, water, and oil. For decades, they have been used in hundreds of industrial applications and consumer products such as carpeting, apparels, upholstery, food paper wrappings, fire-fighting foams and metal plating.
- Persistence and BIOACCUMULATE
- Exposure to these chemicals and some health problems such as low birth weight, delayed puberty onset, elevated cholesterol levels, and reduced immunologic responses to vaccination.

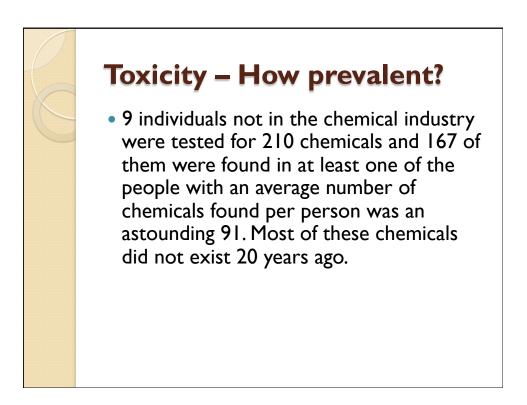
http://www.epa.gov/chemical-research/perfluorinated-chemical-pfc-research





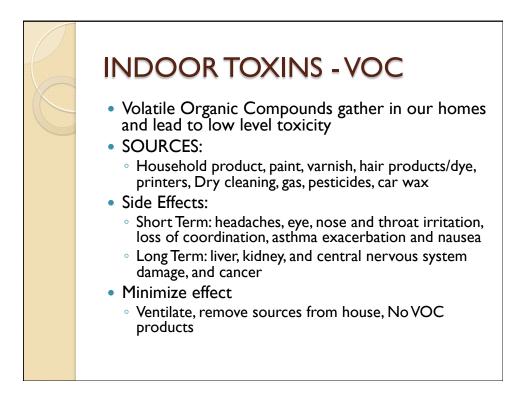


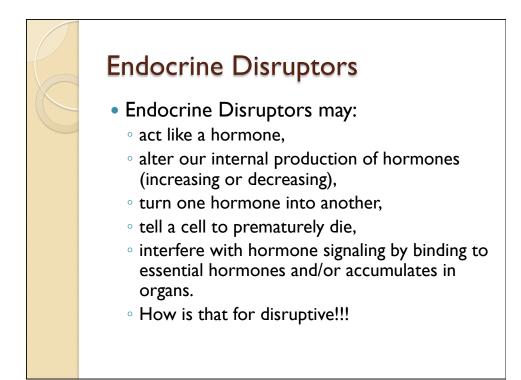


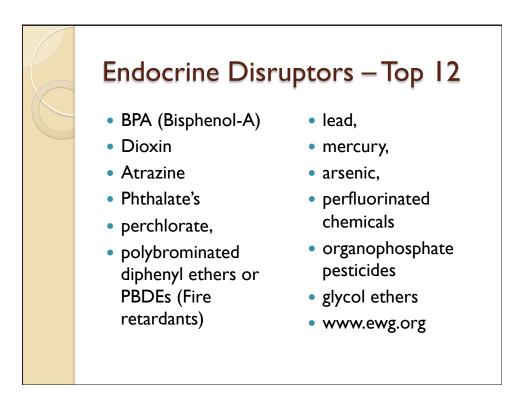


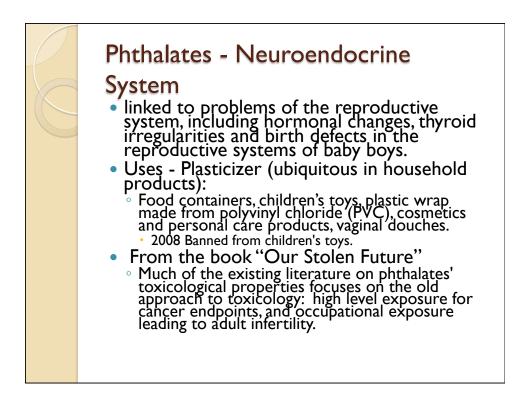
Toxins – Sources

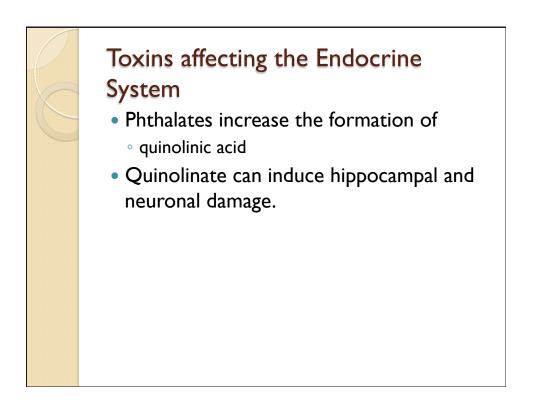
- In the August 2001 issue of **Atmospheric Environment**, researchers reported:
 - levels of dimethyl mercury from landfills "is higher, by a factor of 30 or 40, than concentrations of total mercury in the ambient air. They also reported that the dimethyl mercury concentration was 1,000 times greater than any measurement ever!!!

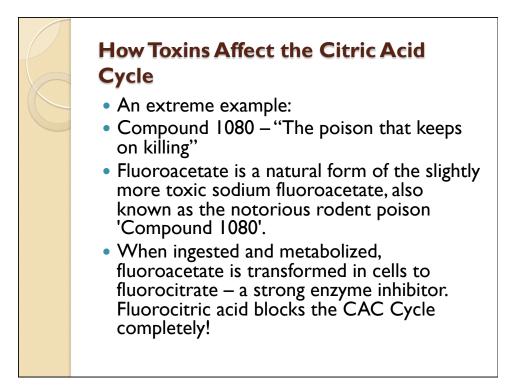


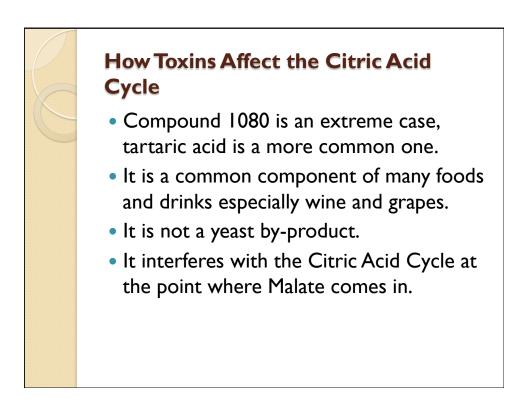






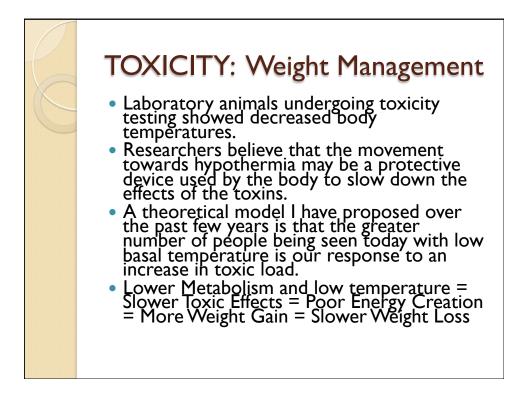






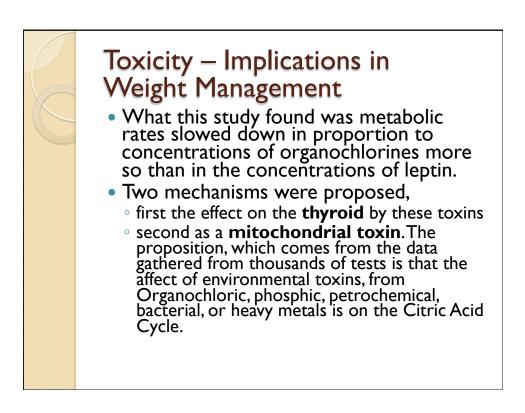
How Toxins Affect the Citric Acid Cycle

- Mycotoxins produced from fungus, staphylococcal alpha-toxins, poisonous mushrooms, heavy metals such as titanium, mercury and many others all have an effect on the citric acid cycle.
- These effects lower the ability to create energy from the foods we eat.
- It also lowers metabolism which has major implications in weight loss.



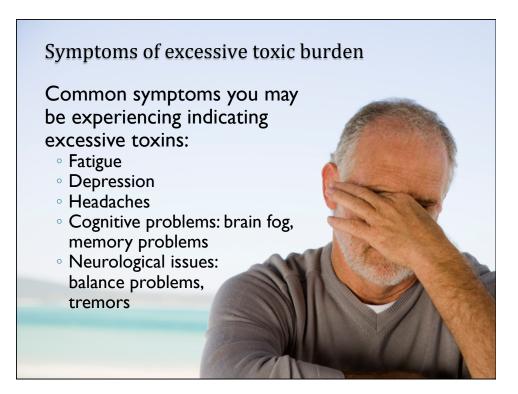
TOXICITY: Weight Management

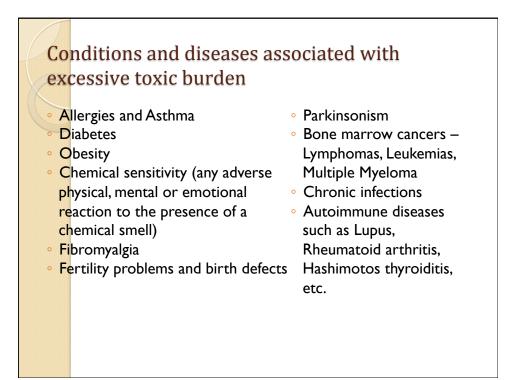
- In the July 2004 International Journal of Obesity, Dr. Angelo Tremblay of Laval University in Quebec, Canada said the following:
- "Pollution seems to be a new factor affecting the control of thermogensis in some obese individuals experiencing body-weight loss."

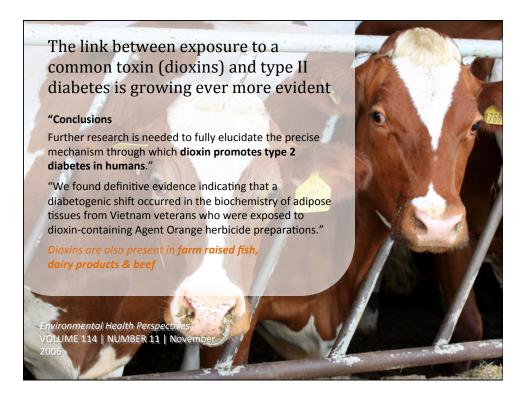


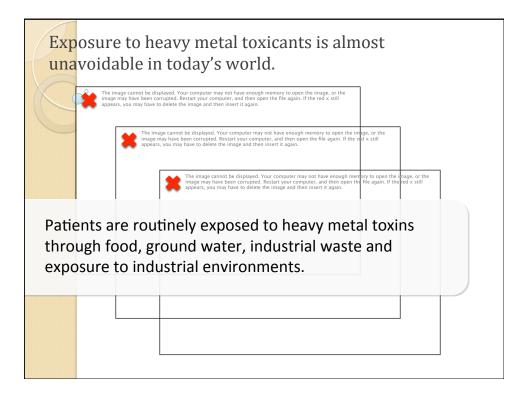




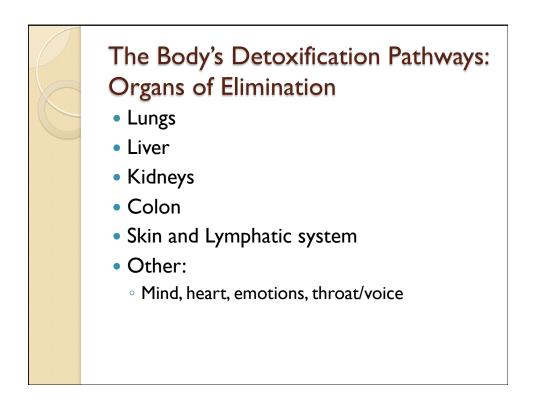




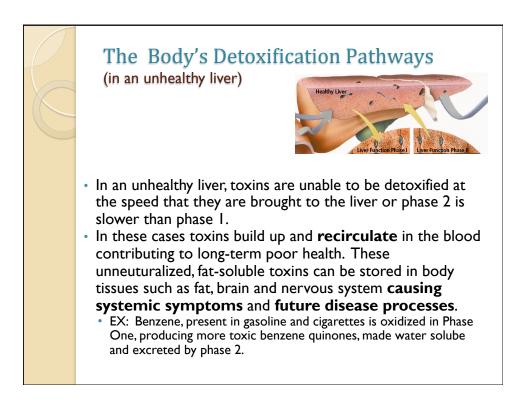


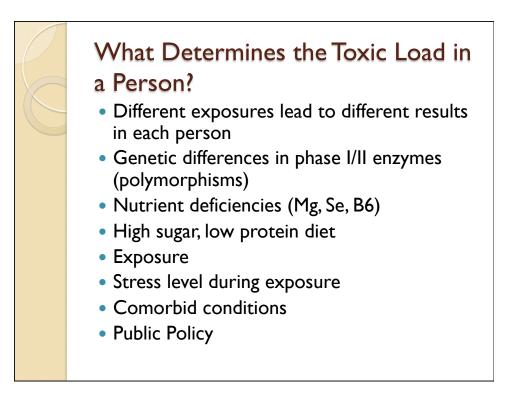


Autism	10X	Increase early 80s - 1996
Male Birth Defects	2X	Increase hypospadias, 1970 - 1993
Childhood Asthma	2X	Increase 1982 - 1993
Acute Lymphocytic Leukemia	62%	Increase in children, 1973 - 1999
Childhood Brain Cancer	40%	Increase 1973 - 1994
Preterm Birth	23%	Increase mid 80s - 2002
Infertility	5-10%	of Couples
Birth Defects	3 – 5%	Of All Babies
Sperm Counts	1%	Decrease Yearly 1934-1996
	http:/	/www.ewg.org/reports/bodyburden2/part3.pf



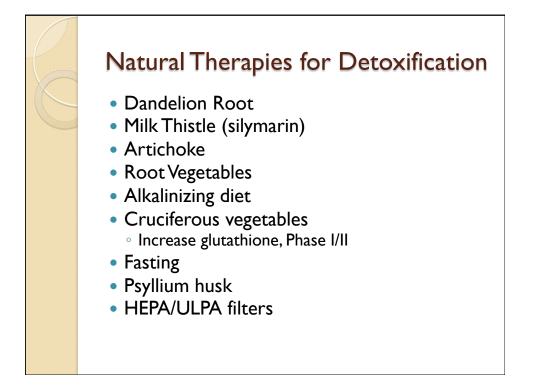






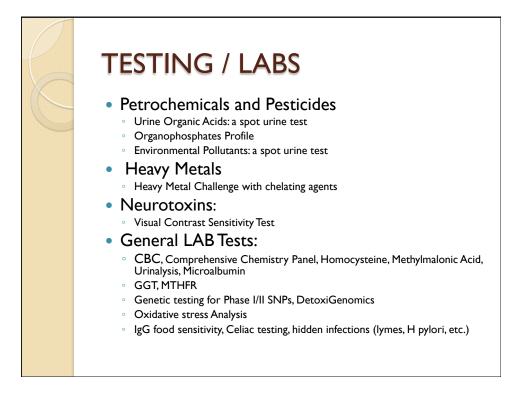
 INCREASE Cruciferous Vegetables (Brassica family) Limonene (oranges/ tangerines) Zi, Cu, Mg,Vitamin B, C Caraway seed, Dill Schisandra (magnolia vine) 	 DECREASE Alcohol Cigarettes (nicotine) Char-broiled meat, Hi protein Caffeine, chocolate Saturated fats Paint fumes, exhaust Xenobiotics: Pesticides, Dioxins, (CCL4) Certain pharmaceuticals Vitamin Deficiency (C, B) Mineral Deficiency (Zi, Mg, 			
Phase I Liver Detox				

DECREASE INCREASE Brassica Vegetables (or a Deficiencies cruciferous plus supplement) Vitamin C, B2, B5, B6, B12, Legumes (Kidney, black beans) choline, folic acid • Limonene (oranges/ Selenium, zinc, magnesium, tangerines) glutathione Green Tea Inadequate balanced protein Whole Grains Pharmaceuticals Red raspberries (Ellagic acid) Aspirin, NSAIDS Oatmeal Excessive toxin exposure • Milk Thistle (Silymarin) Stress (mental, emotional , Alpha-lipoic acid trauma) • Folic Acid, Vitamin B12, Magnesium Probiotics containing bifidobacterinase 2 Liver Detox Glycine Fasting

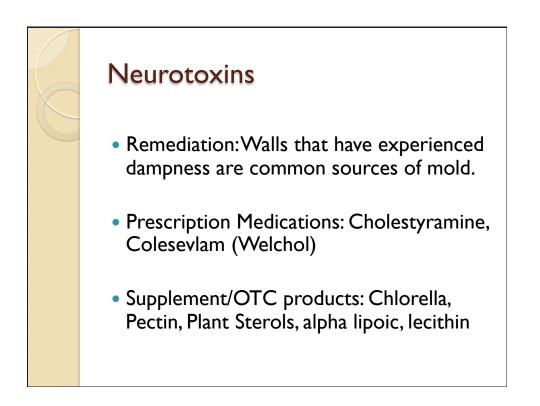


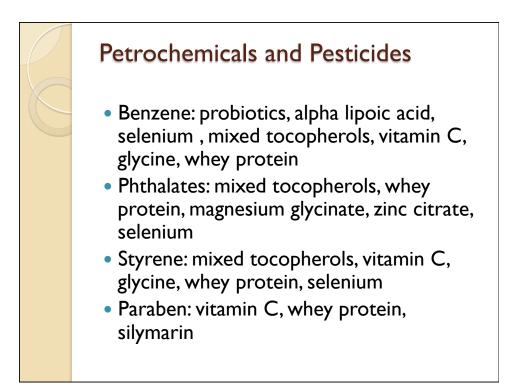
How Do I Know If Exposures are causing Symptom's?

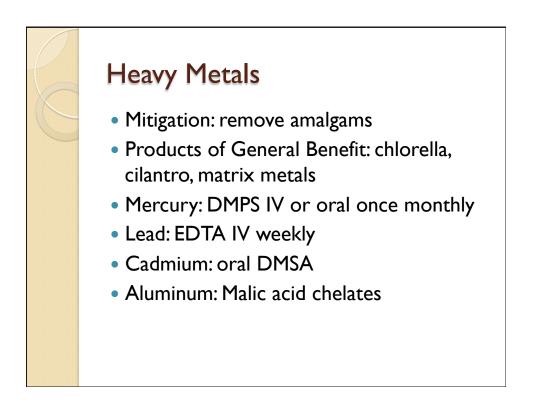
- So what to do???
- It is critical to assess the toxic load of the individual through a competent laboratory assessment.
- It is important to continue the follow-up with not only laboratory testing but clinical assessment.





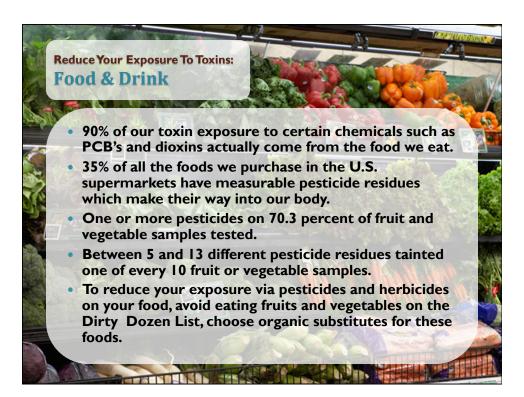




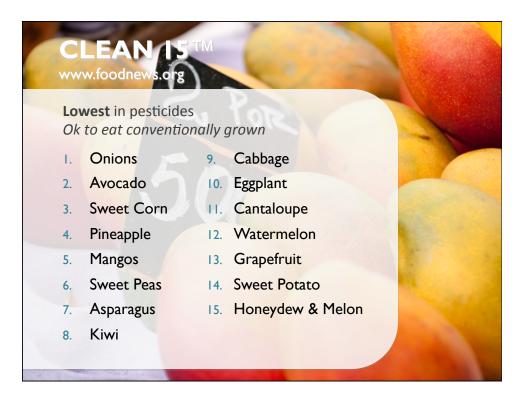






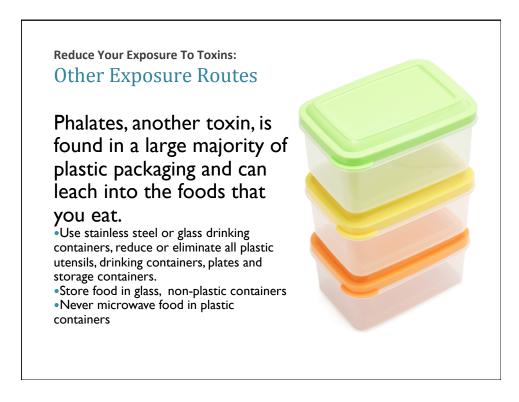














- Nutritionally support your liver and improve your body's natural detoxification processes.
- Support your body's ability to excrete toxins once they have been neutralized thus reducing the chance that they will recirculate and be stored in the body.
- Provides nutrients to support all phases and organs of detoxification/elimination.



